AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claims 1-16 : (Canceled)

Claim 17 : (Currently Amended) A telecommunication system, comprising:

a) a base station;

b) at least one base station-router allocated to the base station;

c) several subscriber stations with respective subscriber station-routers connected via a connection network at variable transmission rates with the base station, for creating a telecommunication link with said at least one base station-router; and

d) said at least one base station-router being operative for dynamically controlling and concentrating the variable transmission rate dynamically allocated to each telecommunication link between the base station and each subscriber station, the dynamically allocated transmission rate being dynamically assigned to the subscriber stations in accordance with bandwidth available between the base station and the at least one base station-router.

Claim 18 : (Previously Presented) The telecommunication system according to claim 17, wherein said at least one base station-router dials a respective subscriber station-router to create a connection between the base station and the respective subscriber station.

Claim 19 : (Previously Presented) The telecommunication system according to claim 18, wherein said at least one base station-router is operative for dialing via an ISDN primary multiplex connection.

Claim 20 : (Previously Presented) The telecommunication system according to claim 17, wherein the base station is connected with said at least one base station-router via an interface with V5.2 protocol.

Claim 21 : (Previously Presented) The telecommunication system according to claim 18, wherein the base station has a separate interface for speech communication.

Claim 22 : (Previously Presented) The telecommunication system according to claim 21, wherein the separate interface works with V5-protocol.

Claim 23 : (Previously Presented) The telecommunication system according to claim 17, wherein the variable transmission rate between the base station and each subscriber station varies in steps of 64 kbit/s.

Claim 24 : (Previously Presented) The telecommunication system according to claim 17, wherein said at least one base station-router has several 2 Mbit/s interfaces and/or an Ethernet interface to an external communication network.

Claim 25 : (Previously Presented) The telecommunication system according to claim 17, wherein data is transmitted between the base station and each subscriber station by means of the G.704 general structure of the International Telecommunication Union.

Claim 26 : (Previously Presented) The telecommunication system according to claim 17, wherein data is transmitted between the base station and each subscriber

station by means of radio transmission signals, and wherein the radio transmission signals are concentrated in air from a point-to-multipoint system.

Claim 27 : (Previously Presented) The telecommunication system according to claim 17, wherein data is transmitted between the base station and each subscriber station via a light-wave conductor.

Claim 28 : (Previously Presented) The telecommunication system according to claim 17, wherein data is transmitted between the base station and each subscriber station via an HDSL-connection.

Claim 29 : (Previously Presented) The telecommunication system according to claim 17, wherein data is transmitted between the base station and each subscriber station via a synchronous digital hierarchy connection.

Claim 30 : (Previously Presented) The telecommunication system according to claim 17, wherein an Ethernet interface is located at each subscriber station-router.

Claim 31 : (Previously Presented) The telecommunication system according to claim 17, wherein interfaces for speech communication are present at the subscriber stations.

Claim 32 : (Currently Amended) A method of transmitting data between a base station and several subscriber stations, comprising the steps of:

a) allocating the base station to a base station-router;

b) dynamically allocating several subscriber stations to respective subscriber station-routers to create a telecommunication link with the base station-router; and

c) controlling and concentrating a variable data transmission rate dynamically allocated to each telecommunication link between the base station and each subscriber station, the dynamically allocated transmission rate being dynamically assigned to the subscriber stations in accordance with bandwidth available between the base station and the base station-router.